

Conditional Statements
&
Type Conversion in JAVA

Conditional Statements:-

- Conditional Statements executes one or set of statements based on a condition exactly once.
- There are four types of Conditional Statements in java
 - Simple if
 - else..if
 - Nested else...if
 - Switch case statements

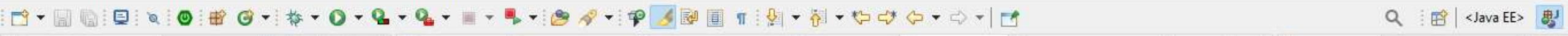
Simple If Program:=

```
/* This is an example of simple if statement */
public class SampleTest
{
    public static void main(String args[])
    {
        int a = 4;
        int b = 20;

        if( a < b )
        {
            System.out.println("This is if statement");
        }
    }
}
```

If Else:=

```
/* Example of if else statement */
public class SampleTest
{
    public static void main(String args[])
    {
        Scanner sin=new Scanner(System.in);
        int age = sin.nextInt();
        if(age > 40)
        {
            System.out.println("Eligible to Covid Vaccinate")
        }
        else
        {
            System.out.println(" Not Eligible to Covid Vaccinate ");
        }
    }
}
```



Package Explorer

- coreJavaPrograms
 - JRE System Library [JavaSE-17]
 - src
 - com.coreJavaPrograms
 - first.java
 - module-info.java
 - firstststproject [boot]
 - productcrudapp
 - Servers
 - Source
 - StudentManagementApp
 - ToDoApp

```
9 //System.out.println("hello");
10 //int a=10;
11 //int b=20;
12 //if(a>b) {
13 // System.out.println("B is greater than a");
14 //}else {
15 // System.out.println("A is greater than b");
16 //}
17 //
18 // }
19 //
20 //}
21 //
22 package com.coreJavaPrograms;
23 public class first{
24
25     public static void main(String args[]) {
26
27         for(int i=1;i<=4;i++) {
28
29             for(int j=1;j<=i;j++) {
30                 System.out.print("*");
31             }
32             System.out.println();
33
34         }
35
36     }
37 }
```

Outline

- com.coreJavaPrograms
 - first
 - main(String[]): void

<terminated> first [Java Application] C:\Users\kumarneeraj\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.5.v20221102-0933\jre\bin\javaw.exe (Jan 12, 2023, 6:45:02)

```
*
**
***
****
```